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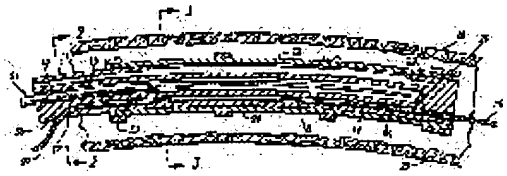
## (54) CATHETER FOR USE IN VESSEL

(57)Abstract:
PROBLEM TO BE SOLVED: To enhance the push-forward and pursuing characteristics and preclude a radiations source from touching humor by accommodating the radiations source in a blind rumen, and installing a reinforcing mandrel in the body of a catheter.
SOLUTION: In the body 11 of a catheter, a blind rumen 19 is installed by extending from the nearest end to around the farthest end of an inflated balloon 12. The blind rumen 19 is sealed so that no humor intrides and the farthest end 20 is closed, and a bacteria-free bulkhead is formed between a wire and the lymph system of the patient. A mandrel 21 is installed in the blind rumen 19, and thereby the push-forward characteristic and strength of the catheter assembly are enhanced. A small sphere 22 is formed at the tip of the mandrel 21 so that it is prevented from sticking into the farthest end of the rumen 19. The wire of a radiations source is inserted in the rumen 19 to prevent touching the humor, and good serviceability is provided for the period enough to give the satisfactory dosage to the body cavity.



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